Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	Under the Paperwor	rk Redu	ction Act of 1995, no persons	are required to respond to a collection of	finformation unless it contains	a valid OMB control nur	nber.
Substitute	ofor form 1449A/PTC				Complete if Known		1
				Application Number	10/614,862	910	
INFO	RMATION	DIS	CLOSURE	Filing Date	July 9, 2003	[7]	
STA	TEMENT B	ΥΑ	PPLICANT	First Named Inventor	Yasuo Inoue		
•				Group Art Unit	2182	2 8005 N	ļ
(use as many sheets as necessary)				Examiner Name	Alan S. Che		
Sheet	1	of	1 .	Attorney Docket Number	29284-594	Ranna Carlo	ノ

			U.S. PAT	ENT DOCU	MENTS			
		Document Number	Publication Date	Name of Patentee or Applicant of		Pages, Columns, Lines, Where Relevant Passages		
Examiner Initials *	Cite No.	Number - Kind Code ² (if known)	MM-DD-YYYY			or Relevant Figures Appear		
456		US-4,636,946	1/13/1987	На	irtung, et al.			
1		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		OTHER PRIOF	R ART - NON	PATENT LI	TERATURE DOC	UMENTS		
	1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and country where published.						
	Cite No.1	magazine, journal, serial	, symposium, ca	atalog, etc.), d	ate, page(s), volume	e-issue number(s), publisher	r, city and/or	
		magazine, journal, serial	, symposium, ca	atalog, etc.), d country w	ate, page(s), volume here published.	e-issue number(s), publisher	, city and/or	
Examiner Initials •		magazine, journal, serial	l, symposium, ca	atalog, etc.), d	ate, page(s), volume here published.	e-issue number(s), publisher	, city and/or	
		magazine, journal, serial	FOREIGN P	country w	ate, page(s), volume here published.	Pages, Columns, Lines,	, city and/or	
		magazine, journal, serial	FOREIGN P	atalog, etc.), d	ate, page(s), volume here published.	-issue number(s), publisher	, city and/or	
nitials *	No.1	magazine, journal, señal	FOREIGN Pument	country w	ate, page(s), volume there published. CUMENTS Name of Patentue or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	, city anti-or	
nitials *	No.1	Foreign Patent Doc	FOREIGN Pument	PATENT DO Publication Date MM-DD-YYYY	ate, page(s), volume here published. CUMENTS Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	, city anti-or	
nitials * Examiner Initials*	No.1	Foreign Patent Doc	FOREIGN Pument	PATENT DO Publication Date MM-DD-YYYY	ate, page(s), volume here published. CUMENTS Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	, city anti-or	
Examiner Initials*	No.1	Foreign Patent Doc	FOREIGN Pument	PATENT DO Publication Date MM-DD-YYYY	ate, page(s), volume here published. CUMENTS Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	, city anti-or	
nitials * Examiner Initials*	No.1	Foreign Patent Doc	FOREIGN Pument	PATENT DO Publication Date MM-DD-YYYY	ate, page(s), volume here published. CUMENTS Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant	, city anti-or	

Examiner Signature	Ma	Date Considered	08/11/05
Signature			

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will va y depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.qov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.